

What is claimed is:

1. An apparatus for recording and reproducing information, comprising:

a reading device to read out information recorded on a recording medium;

a first recording device in which the information that is read out by the reading device is written;

an output device to output the information written in the first recording device;

a second recording device in which the information that is read out by the reading device is recorded; and

a controller to control the reading, first recording, output , and second recording devices such that an operation specified by an operation command issued from an operation device and directed to all the information recorded on the recording medium is performed, during an operation for recording the information into the second recording device; and the recording operation is continued.

2. The apparatus according to claim 1, wherein the reading devices is configured to read out the information from the recording medium at a speed faster than an output seed at which the output device outputs the information written in the first recording device.

3. The apparatus according to claim 1, wherein the information recorded on the recording medium is composed of compressed data and the reading device is configured to read out the compressed data recorded on the recording medium at a speed equal to or slower than a speed at which the output device outputs the compressed data written in the first recording device.

4. An apparatus for recording and reproducing information, comprising:

a reading device to read out information recorded on a recording medium;

a first recording device in which the information that is read out by the reading device is written;

an output device to output the information written in the first recording device;

a second recording device in which the information that is read out by the reading device is recorded; and

5 a controller to control the reading, first recording, output , and second recording devices such that an operation for recording information into the second recording device is started at a time when an amount of the information accumulated in the first recording device reaches a given amount; an operation specified by an operation command issued from an
10 operation device and directed to all the information recorded on the recording medium is performed, during the operation for recording the information into the second recording device; and the recording operation is continued even after the operation command was issued.

15 5. The apparatus according to claim 4, wherein the reading devices is configured to read out the information from the recording medium at a speed faster than an output speed at which the output device outputs the information written in the first recording device.

20 6. The apparatus according to claim 4, wherein the information recorded on the recording medium is composed of compressed data and the reading device is configured to read out the compressed data recorded on the recording medium at a speed equal to or slower than a speed at which the output device outputs the compressed data written in the first recording
25 device.

7. A method of recording and reproducing information recorded on a recording medium, comprising the steps of:

reading out the information recorded on the recording medium;
30 writing the read-out information into a first recording device;
outputting the information written in the first recording device;
recording the read-out information from the recording medium into a second recording device;

performing an operation specified by an operation command issued
35 from an operation device and directed to all the information recorded on the recording medium, during an operation for recording the information into

the second recording device; and
allowing the recording operation to be continued.

5 8. A method of recording and reproducing information recorded on
a recording medium, comprising the steps of:
reading out the information recorded on the recording medium;
writing the read-out information into a first recording device;
outputting the information written in the first recording device;
determining whether or not an amount of the information
10 accumulated in the first recording device reaches a given amount;
starting an operation for recording the read-out information from the
recording medium into a second recording device when it is determined that
the amount of the information accumulated in the first recording device has
reached the given amount;
15 performing an operation specified by an operation command and
directed to all the information recorded on the recording medium, during the
operation for recording the information into the second recording device;
and
allowing the recording operation to be continued even after the
20 operation command was issued.

9. A program, which is readable by a computer, for recording and
reproducing information recorded on a recording medium, the program
allowing the computer to performing the steps:
25 reading out the information recorded on the recording medium;
writing the read-out information into a first recording device;
outputting the information written in the first recording device;
recording the read-out information from the recording medium into a
second recording device;
30 performing an operation specified by an operation command issued
from an operation device and directed to all the information recorded on the
recording medium, during an operation for recording the information into
the second recording device; and
allowing the recording operation to be continued.

35 10. A program, which is readable by a computer, for recording and

reproducing information recorded on a recording medium, the program allowing the computer to performing the steps:

reading out the information recorded on the recording medium;

writing the read-out information into a first recording device;

5 outputting the information written in the first recording device;

determining whether or not an amount of the information accumulated in the first recording device reaches a given amount;

starting an operation for recording the read-out information from the recording medium into a second recording device when it is determined that
10 the amount of the information accumulated in the first recording device has reached the given amount;

performing an operation specified by an operation command and directed to all the information recorded on the recording medium, during the operation for recording the information into the second recording device;
15 and

allowing the recording operation to be continued even after the operation command was issued.

11. An information recording medium in which the
20 computer-readable program according to claim 9 is stored.

12. An information recording medium in which the computer-readable program according to claim 10 is stored.

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